

Title (en)

VIDEO ENCODING USING HIERARCHICAL ALGORITHMS

Title (de)

VIDEOCODIERUNG MIT HIERARCHISCHEN ALGORITHMEN

Title (fr)

CODAGE VIDÉO UTILISANT DES ALGORITHMES HIÉRARCHIQUES

Publication

**EP 3298779 A1 20180328 (EN)**

Application

**EP 17723746 A 20170505**

Priority

- GB 201607879 A 20160505
- GB 2017051251 W 20170505

Abstract (en)

[origin: WO2017191461A1] The present invention relates to a method for encoding visual data comprising a plurality of layers using one or more hierarchical algorithms. According to an aspect of the invention, there is provided a method of encoding visual data using a plurality of layers wherein each layer encodes a different representation, and wherein one or more of the plurality of layers comprises one or more hierarchical algorithms, the method comprising the steps of: extracting one or more samples within each of the plurality of layers; and processing within each layer the one or more samples extracted in the layer; wherein in at least one of the plurality of layers the step of processing comprises applying the one or more hierarchical algorithms to the samples extracted in the layer in relation to any inter-layer prediction; and wherein the step of processing reduces a predetermined mathematical distortion between samples of a first layer and samples of a second layer.

IPC 8 full level

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Citation (search report)

See references of WO 2017191461A1

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DOCDB simple family (publication)

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